

ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

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TI Antibiotics isolated from Lindera obtusiloba
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PA S. Korea
SO Repub. Korea, No pp. given
CODEN: KRXXFC
DT Patent
LA Korean
IC ICM A61K035-78
CC 63-4 (Pharmaceuticals)
Section cross-reference(s): 1, 11

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	KR 214801	B1	19990802	KR 1996-44135	19961005
PRAI	KR 1996-44135		19961005		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
KR 214801	ICM	A61K035-78
	IPCI	A61K0035-78 [ICM,7]

AB An exts. of a stem of Lindera obtusiloba is provided which is used as essential oil and has excellent antibacterial effects on Pseudomonas aeruginosa and Staphylococcus aeruginosa strains, theretofore is used as antibiotics. Also, a preparation method thereof is provided. A main component of an exts. of a stem of Lindera obtusiloba is identified as a material selected from a group consisting of sabinene, beta-myrcene, L-limonene, cis-3-hexanol, gamma-terpinene, (z)-3-hexene-1-ol acetate, gamma-elemene, L-borneol, ledene, gamma-selinene, beta-eudesmol, ethylbenzene, camphor and elemol. The exts. of a stem of Lindera obtusiloba can be prepared by supercrit. extraction, water vapor extraction or solvent extraction

ST antibiotic ext Lindera isolation

IT Antibiotics

Lindera obtusiloba

Pseudomonas aeruginosa

Staphylococcus

(antibiotics isolated from Lindera obstiloba)

IT Natural products, pharmaceutical

RL: NPO (Natural product occurrence); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); OCCU (Occurrence); USES (Uses)

(antibiotics isolated from Lindera obstiloba)

IT 76-22-2P, Camphor 99-85-4P, γ -Terpinene 100-41-4P, Ethylbenzene, biological studies 123-35-3P, β -Myrcene 464-45-9P, L-Borneol 473-15-4P, β -Eudesmol 515-17-3P, γ -Selinene 639-99-6P, Elemol 928-96-1P, cis-3-Hexenol 3387-41-5P, Sabinene 3681-71-8P 5989-54-8P 21747-46-6P, Ledene 29873-99-2P, γ -Elemene
RL: NPO (Natural product occurrence); PAC (Pharmacological activity); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); USES (Uses)
(antibiotics isolated from Lindera obstiloba)